

Converting Colors

CIELCh(81, 5.388, 93.716)

Have a look what the booklet for
CIELCh(81, 5.388, 93.716) contains.

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Color

CIELCh(81, 5.485, 93.891)

Conversions

Conversions Part 1

Format	Color
Hex	CDC9BF
RGB	205, 201, 191
RGB Percent	80%, 79%, 75%
CMY	0.1963, 0.2120, 0.2512
CMYK	0.00, 0.02, 0.07, 0.20
HSL	43°, 12%, 78%
HSV	43°, 7%, 80%
XYZ	55.4267, 58.4711, 57.6177
YIQ	201.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

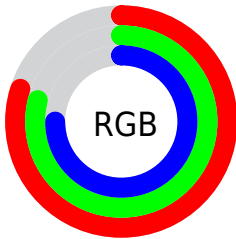
Format	Color
RYB	197, 205, 191
Decimal	13486527
CIELab	81.00, -0.37, 5.47
CIElCh	81, 5.485, 93.891
Yxy	58.4711, 0.3232, 0.3409
Android (android.graphics.Color)	4291676607 (0xFFC9DC9BF)
YUV	201.0560, -4.9576, 3.4589
Hunter-Lab	76.4664, -4.4303, 8.8512

Details

The CIELCh color **81, 5.485, 93.891** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 5.513, 275.653**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **61, 5.279, 92.062** is the 20% darker color. If you saturate the color by 10%, you get **79, 13.640, 92.700**, and if you desaturate by 10%, it is **83, 2.539, 275.223**.

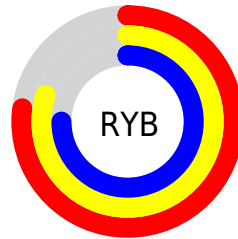
Distribution



Red (80%)

Green (79%)

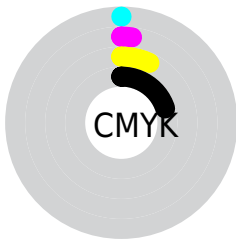
Blue (75%)



Red (77%)

Yellow (80%)

Blue (75%)

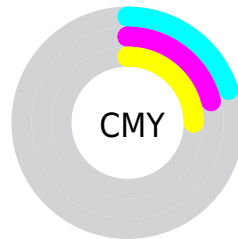


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (20%)



Cyan (20%)

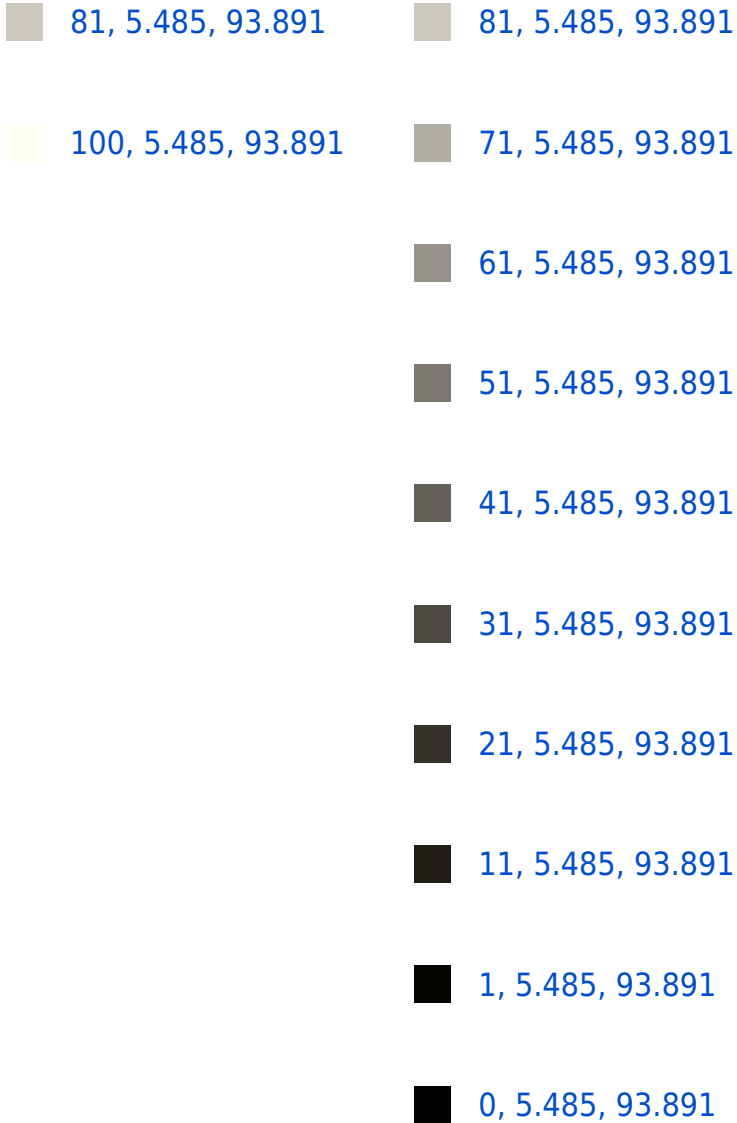
Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 5.485, 93.891 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 81, 5.485, 93.891 by changing the saturation by 10% instead.



81, 5.485, 93.891

81, 5.485, 93.891

79, 13.640, 92.700

83, 2.539, 275.223

77, 21.906, 91.431

85, 10.432,
276.301

75, 30.246, 90.121

87, 18.197,
277.382

73, 38.582, 88.775

72, 46.762, 87.388

89, 17.042,
269.436

70, 54.513, 85.945

90, 15.136,
257.788

68, 61.373, 84.402


67, 66.656, 82.673

92, 13.994,
243.672

65, 69.682, 80.631

93, 13.789,
228.258

95, 14.545,
213.533

 96, 16.108,
201.030

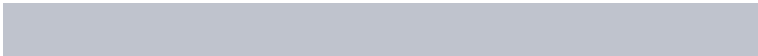
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81, 5.485, 93.891



79, 5.513, 275.653

Rectangle

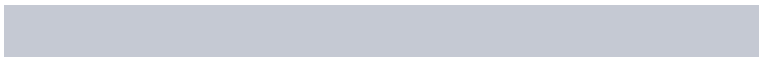
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 5.485, 93.891



81, 5.485, 143.891



81, 5.485, 273.891



81, 5.485, 323.891

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81, 5.486, 93.911



100, 1.903, 94.395



79, 5.668, 356.512



53, 1.082, 94.400



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 5.486, 93.911



98, 7.683, 93.763



82, 7.470, 117.537



42, 4.551, 93.610



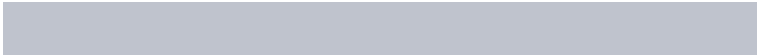
53, 60.195, 80.358



11, 16.050, 83.879

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79, 5.513, 275.653



95, 7.719, 275.814



78, 7.590, 298.468



40, 4.572, 275.984



26, 75.529, 298.783



3, 18.982, 284.036

Previews

White Background



This preview shows how the CIELCh color 81, 5.485, 93.891 looks on a white background.

Color Contrast Check

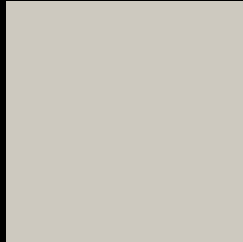
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 81, 5.485, 93.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

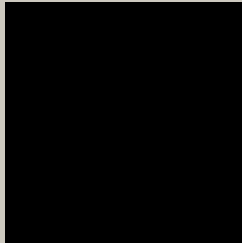
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

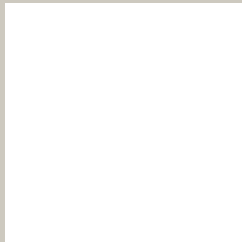
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 5.485, 93.891

Background



This preview shows how black text looks on a background with the CIELCh color 81, 5.485, 93.891.

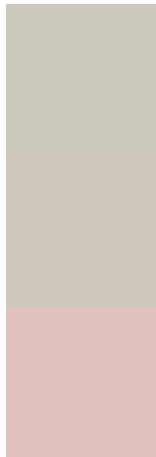


This preview shows how white text looks on a background with the CIELCh color 81, 5.485, 93.891.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


81, 5.485, 93.891

Protanopia

81, 5.420, 80.841

Deuteranopia

81, 11.406, 25.543



Tritanopia
81, 8.792, 314.939

Trichromacy



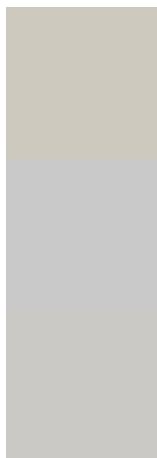
Original Color
81, 5.485, 93.891

Protanomaly
81, 5.250, 84.448

Deuteranomaly
81, 7.979, 39.200

Tritanomaly
81, 4.349, 332.511

Monochromacy



Original Color
81, 5.485, 93.891

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.140, 100.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 5.485, 93.891 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 5.485, 93.891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

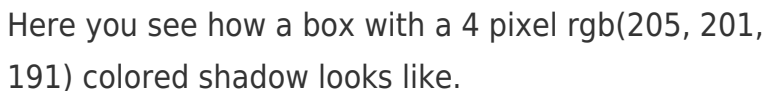
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 201, 191) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 201, 191) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(205, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 201, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 201, 191); box-shadow:4px 4px 4px 4px rgb(205, 201, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 5.485, 93.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
201, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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